PRIMARYICT SUPPORT MADE SIMPLE
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New Product Summary

Launch Date – 1st September 2008
Under NDA Until – 1st August 2008

Epson EB X6

Affordable, high performance projectors for education or business

Bring performance, reliability and value to your classroom or office presentions. Project superb colour images quickly and easily in any room.

No time wasting with quick start up and shut down

Start your presentation from just 5 seconds from power on, to full power! Pack away efficiently with less than 1 second cool down time before the double-beep signals it's safe to unplug and go.

Connect easily with USB display

This projector is designed for simple operation. Epson's USB Display technology means that by simply connecting the projector to your computer with a USB cable you can show your Presentation and step through your slides or images using the projector remote control.

Sliding lens cover to pause presentations, and protect the lens!

Epson's unique A/V mute slide technology means you can conveniently pause presentations to refocus the audiences' attention on you.

Reduce your projection power consumption

Epson's exclusive and patented E-TORL lamp technology, low wattage lamps can be used even for bright output; and coupled with the Epson EMP-X6 low power consumption you are sure to save money and stay ecologically friendly!

Key benefits

- Epson makes high-quality presenting affordable and reliable
- Superb images with Epson 3LCD technologies and 2200 lumens brightness
- Trouble free connection using Epson's USB Display Techology
- Super long-life, low wattage lamp lasts up to 4000 hours*
- Quiet operation at just 28 dB
- Great security with tough bar and lock, and password protection

*in low brightness mode

Includes convenient carry case

3LCD
E-TORL

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Ordering information

Description	EMP- X6 LCD Projector
Part Number	V11H284B40
Barcode	8715946419763
Carton Dimensions	427 x 379 x 182mm
Carton Weight	net= 2.7kg; gross=4.6kg

Screen size and projection distance

Use the Epson Projection Distance Calculator software available from www.epson.co.uk for distances and screen sizes not shown below.

4:3 Aspect Ratio

Screen [inch]	Projection distance						Offset A		Offset B	
	Wide			Tele			Wide = Tele			
	cm	inch	foot	cm	inch	foot	V1 cm	V1 inch	V2 cm	V2 inch
30	84	33	2.7	101	40	3.3	-5	-1.9	41	16.1
40	113	44	3.7	136	53	4.5	-6	-2.5	55	21.5
50	142	56	4.6	171	67	5.6	-8	-3.1	68	26.9
60	171	67	5.6	206	81	6.7	-10	-3.8	82	32.3
80	229	90	7.5	275	108	9	-13	-5	109	43
100	287	113	9.4	345	136	11.3	-16	-6.3	137	53.8
150	432	170	14.2	519	204	17	-24	-9.4	205	80.6
200	577	227	18.9	693	273	22.7	-32	-12.5	273	107.5
250	722	284	23.7	867	341	28.5	-40	-15.6	341	134.4
300	867	341	28.4	1041	410	34.2	-48	-18.8	410	161.3

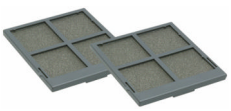
Accessories

(Model code) **order code**

Consumables

Spare Lamp (ELPLP41)
V13H010L41

Air Filter Set (ELPAF13)
V13H134A13



Screens

50" Portable Screen (ELPSC06)
V12H002S06

60" Portable Screen (ELPSC07)
V12H002S07

80" Portable Screen (ELPSC08)
V12H002S08

Mountings

Ceiling Pipe (white) 450mm (ELPFP13)
V12H003P13

Ceiling Pipe (white) 700mm (ELPFP14)
V12H003P14

Ceiling Mount (ELPMB23)
Connects to the projector and either directly to the ceiling, or to a ceiling pipe.
V12H003B23

Cables

VGA Computer Cable HD-15 to HD-15 1.8m (ELPKC02)
V12H005C02

VGA Computer Cable HD-15 to HD-15 3.0m (ELPKC09)
V12H005C09

VGA Computer Cable HD-15 to HD-15 20m (ELPKC10)
V12H005C10

Component Video Cable (ELPKC19)
V12H005C19

What's in the Box?

Projector
with Slide Lens Shutter

Remote Control

2 x AA alkali batteries
for the remote control

Power Cable
1.8m cable

Computer Cable
Mini D-Sub 15-pin/mini D-Sub 15-pin, 1.8 m (6 ft.)
Use when projecting images from a computer

USB Cable
1.8 m, USB A/USB B

Soft Carry Case

Password Protect Sticker

Setup Guide
Contains information on basic operations for preparing the projector before use (setup and connecting video equipment or a computer) and for starting projection.

Image TBC

Document CD-ROM
Contains information on common and useful functions, configuration, troubleshooting, and maintenance.

Image TBC

Safety Instructions / Warranty Terms

image TBC

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Specifications

Model			EMP-X6
Projection System			RGB liquid crystal shutter projection system
Projection Method			Front / Rear / Ceiling mount
Specification of Main Parts	LCD	Size	0.63 -inch without MLA
		Driving Method	Poly-silicon TFT active matrix
		Pixel Number	786,432 dots (1024 x 768)
		Native Resolution	XGA
		Aspect Ratio	4:3
		Pixel Arrangement	Cross stripe
		Refresh Rate	50 Hz - 60 Hz
	Projection Lens	Type	Digital zoom / Manual focus
		F-Number	1.6 – 1.74
		Focal Length	18.4mm – 22/12mm
		Zoom Ratio	1-1.2
		Lens Cover	Slide lens shutter
	Lamp	Type	170 W UHE
		Life	3000 hours (Brightness Control: High) 4000 hours (Brightness Control: Low)
	Optical System		Dichroic Mirror Separation & Prism combine Method
Screen Size (Projected Distance)			30" to 300" [1.0 to 10.4 m] (Zoom:Tele) 30" to 300" [0.84 to 8.7 m] (Zoom:Wide) 60" screen 1.7 - 2.1 m
Offset			8.6:1
Light Output (Brightness)	High		2200 lm (Colour mode: Game, Zoom: Wide)
	Low		1750 lm (Colour mode: Game, Zoom: Wide)
Contrast			2000:1
Light Output Uniformity			Typ. 90%
Colour Reproduction			Full-Colour (16.77 million Colours)
Video Quality			Simple Interlace-Progressive conversion
Sound Output			1 W Monaural
Speaker			50mm in diameter x 1
Function			User logo, A/V mute, Freeze, E-Zoom, Help
Colour Mode			PC: Photo, Presentation, Theatre, Game, sRGB, Blackboard, Text Video: Sports, Presentation, Theatre, Game, sRGB, Blackboard, Text
Remote Control Infrared Receiver Position / Distance / Directivity			Front & Rear, 6 m Right / Left: -30 to +30 degrees Upper / Lower: -15 to +15 degrees
Effective Scanning Frequency Range (Analogue)	Pixel Clock		13.5 MHz to 108 MHz up to SXGA 60 Hz
	Horizontal		15 kHz to 69 kHz
	Vertical		50 Hz to 85 Hz
Adjustment Function	Projector / Remote Control		Brightness / Contrast / Tint / Saturation / Sharpness / Input signal / Sync / Tracking / Position / Colour temperature / Volume / etc.
	Foot Adjuster		Front-centre
	Tilt Angle		0 to 11 degrees
	Keystone Correction		Vertical: -30 to +30 degrees
	Auto Keystone Correction		Yes
	Source Search		Yes
	Auto Detection of RGB/Component		Yes
	Operation Panel Protected Function		Yes
	Password Protected Function (Security Function)		Yes
Other Function	USB Display		USB Display Ver.1.40 (for Windows)
Analogue RGB I/O	Display Performance	Native	1024 x 768 dots
	Input Signal	Signal Type	Separate signal
		Video Signal	Analogue (0.7 Vp-p, 75 ohm / Mac 0.714 Vp-p, 75 ohm)
		Sync. Signal	Separate (positive & negative, bi-polarity 2-5 Vp-p)/ Composite (positive & negative, bi-polarity 2-5 Vp-p)/ Sync-on-green (negative, 0.3 Vp-p)
		Audio Signal	500 mVrms / 47 k-ohm
	Input Terminal	Video	D-sub 15pin x 1 Blue moulding
		Audio	RCA x 1 (White/Red)
	Output Signal	Video Signal	Analogue (0.7 Vp-p, 75 ohm / Mac 0.714 Vp-p, 75 ohm)
		Sync. Signal	Separate (positive & negative,TTL) / Composite (positive & negative,TTL) / Sync. on green (negative 0.2-0.4 Vp-p)
	Output Terminal	Video	D-sub 15pin x 1 Black moulding (Output signal : Computer * only)
Video I/O	Display Performance		NTSC: 560 lines, PAL: 560 lines
	Input Signal	Video Standard	NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM
		Video Signal	Composite Video (1.0 Vp-p / Sync.negative, 75 ohm) / S-Video (Luminous 0.714 Vp-p, Chrominous 0.286 Vp-p, 75 ohm) / Component Video (Analogue Y level 0.7 V, 75 ohm / Cr Cb level +/-0.35 V, 75 ohm / sync.negative 0.3 V or 3-state +/-0.3 V on Y) / RGB Video (0.7 Vp-p, 75 ohm / Mac 0.714 Vp-p, 75 ohm)
		Audio Signal	500 mVrms / 47 k-ohm
	Input Terminal	Video	Composite Video: RCA (Yellow) x 1
			S-Video: Mini DIN x 1
			Component Video: D-sub 15pin Blue moulding (in common with Analogue RGB connector)
			RGB Video: D-sub 15pin Blue moulding (in common with Analogue RGB connector)
		Audio	RCA x 1 (White/Red) (in common with Analogue RGB Audio terminal)
USB Display	Input Signal	Video	Yes
Control I/O	USB I/O	I/O Terminal	Type B x1 (for USB Display, Mouse, K/B, Control)
		I/O Speed	USB Type B Ver. 2.0
Operating Temperature			5 °C to 35 °C <41 °F to 95 °F> (20%-80% Humidity) Thermal shut down > 45 °C
Operating Altitude			0 m to 2286 m<0 ft to 7500 ft> (over 1500 m / 4,921 ft :with High altitude mode)
Direct Power On			Yes
Direct Power Off			Yes
Start-up Period			about 5 seconds warm-up period: 30 seconds
Cool-down Period			Instant off
Exhaust Direction			Side
Air Filter	Standard		Yes
Theft Proof	Padlock & Security Cable Hole		Yes
	Kensington Lock		Yes
Power Supply Voltage			100 - 240 V AC +/- 10%, 50/60 Hz
Power Consumption	100-120V Area (JAPAN, USA, etc)	Lamp On	246 W
		Standby (Network On)	N/A
		Standby (Network Off)	3 W
	220-240V Area (Europe, etc)	Lamp On	231 W
		Standby (Network On)	N/A
		Standby (Network Off)	4.3 W
	Except JAPAN		100 - 240 V AC 50/60 Hz 2.8 - 1.5 A
Dimension	Exclude Feet (D x W x H)		245 x 327 x 92 mm
	Maximum Dimension (D x W x H)		245 x 327 x 101 mm
Weight			Approx. 6.2 • bs. / 2.8kg
Fan Noise	Brightness Control: High		35 dB
	Brightness Control: Low		28 dB
Compatible Standard	Safety	US	UL60950-1 1st edition (cTUVus Mark)
		Canada	CSA C22.2 No.60950-1
		Japan	The electrical appliance safety law / TV receiver
		Europe	IEC 60950-1 1st edition (CE Marking)
		Germany	German Equipment and Product Safety Law (GS Mark)
		Korea	EK
		China	CCC (GB4943)
		Singapore	PSB
		Mexico	NOM
	EMC	US	FCC part 15B class B
		Canada	ICES-003 class B
		Japan	The electrical appliance safety law / TV receiver
		CE(Europe)	EMC directive (89/336/EEC)
		Korea	MIC-Mark
		China	CCC (GB9254, GB 17625.1)
		Australia/New Zealand	C-tick Mark
	Environmental Protection	US	State's law for packages
		Japan	Recycling regulation for packages
		Germany & France	A law for waste product evasion
		CE(Europe)	Dioxide regulation
		All countries	Recycling regulation
Destination			No limit
Language	OSD (For Europe)		33 Languages (Japanese / English / French / German / Italian / Spanish / Catalan / Portuguese / simplified Chinese / traditional Chinese / Korean / Dutch / Danish / Polish / Hungarian / Czech / Romanian / Slovenian / Norwegian / Swedish / Finnish / Russian / Ukrainian / Greek / Turkish / Arabic / Thai / Indonesian / Croatian / Slovak / Bulgarian / Malay / Vietnamese)
	OSD(For others)		14 Languages (Japanese / English / French / German / Italian / Spanish /Portuguese/ simplified Chinese / traditional Chinese / Korean / Thai / Indonesian / Malay / Vietnamese)
	Manual	Users Guide	28 Languages (Japanese / English / French / Germany / Italian / Spanish / Traditional Chinese / Simple Chinese / Portuguese / Dutch / Russian / Swedish / Norwegian / Finnish / Danish / Polish / Czech /Hungarian/ Slovenian /Romanian / Turkey / Greek / Arabic / Slovak / Bulgarian / Croatian / Ukrainian / Catalan)
Supplied Accessories	Power Cable		1.8m
	Computer Cable		1.8 m D-sub 15pin (Male) - D-sub 15pin(Male)
	USB Cable		1.8 m, USB A/USB B
	Remote Control		Compact type
	Battery		Manganese dry cell x 2
	Password Protect Sticker		Included
	User's Manual Set		Included
	Soft Carry Case		Included
Optional Accessories	Spare Lamp		ELPLP41
	Air Filter Set		ELPAF13
	Soft Carrying Case		ELPKS16B
	50" Portable Roll Screen		ELPSC06
	60" Portable Roll Screen		ELPSC07
	80" Portable Roll Screen		ELPSC08
	100 Type Screen		ELPSC10
	Computer Cable	HD15 / HD15, 1.8 m	ELPKC02
	Computer Cable	HD15 / HD15, 3.0 m	ELPKC09
	Computer Cable	HD15 / HD15, 20.0 m	ELPKC10
	Component Video Cable	HD15 / 3RCA (male), 3.0 m	ELPKC19
	Ceiling Mount	White Colour	ELPMB23
	Suspension Adapter 450mm	White Colour	ELPFP13
	Suspension Adapter 700mm	White Colour	ELPFP14

Errors and omissions excepted, all specifications are subject to change without notice.

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